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Approved for use through 09/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	488-00065	Total Pages	73
First Named Inventor or Application Identifier			
Kazuhito Kasahara			
Express Mail Label No.	EV383667288US		

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

**ADDRESS TO:** Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages **43**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 USC 113) [Total Sheets **24**]
4. Oath or Declaration [Total Pages **3**]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Microfiche Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: Certificate of Express Mail

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:

**18. CORRESPONDENCE ADDRESS**

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CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on January 30, 2004. The Express Label is EV383667288US.

Barbara A. Johnson

January 30, 2004

Name

Date

*Barbara A. Johnson*

1-30-04

Signature

Date

COMPLETE IF KNOWN

PTO/SB/17

(10/97)

## FEE TRANSMITTAL

Total Amount of Payment		(\$)		770.00		Attorney Docket Number		488-00065	
METHOD OF PAYMENT (check one)						FEE CALCULATION (continued)			
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:						2. Additional Fees			
Deposit Account Number 01.2000						Large Entity Small Entity			
Deposit Account Name Andrus, Scales, Starke & Sawall, LLP						Fee Fee Fee Fee			
<input checked="" type="checkbox"/> Charge any additional fee required under 37 CFR 1.16 and 1.17						Code (\$) Code (\$) Fee Description Fee Paid			
<input type="checkbox"/> Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)						105 130 205 65 Surcharge-late filing fee or oath			
3. <input checked="" type="checkbox"/> Payment Enclosed:						127 50 227 25 Surcharge-late provisional filing fee or cover sheet			
<input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other						139 130 139 130 Non-English specification			
FEE CALCULATION (fees effective 10/01/97)						147 2,520 147 2,520 For filing a request for reexamination			
1. Filing Fee						112 920* 112 920* Requesting publication of SIR prior to Examiner action			
Large Entity Small Entity						113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
Fee Fee Fee Fee						115 110 215 55 Extension for response within first month			
Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)						116 400 216 200 Extension for response within second month			
101 770 201 385 Utility filing fee \$770						117 950 217 475 Extension for response within third month			
106 340 206 170 Design filing fee						118 1,510 218 755 Extension for response within fourth month			
107 530 207 265 Plant filing fee						128 2,060 228 1,030 Extension for response within fifth month			
108 770 208 385 Reissue filing fee						119 310 219 155 Notice of appeal			
114 160 214 80 Provisional filing fee						120 310 220 155 Filing a brief in support of an appeal			
SUBTOTAL (1) (\$ 770.00)						121 270 221 135 Request for oral hearing			
2. Claims						138 1,510 138 1,510 Petition to institute a public use proceeding			
Extra Fee from below						140 110 240 55 Petition to revive unavoidably abandoned application			
Total claims 9 -20= 0 X =						141 1,320 241 660 Petition to revive unintentionally abandoned application			
Independent 2 - 3= 0 X =						142 1,320 242 660 Utility issue fee (or reissue)			
Claims						143 450 243 225 Design issue fee			
Multiple Dependent X =						144 670 244 335 Plant issue fee			
Claims						122 130 122 130 Petitions to the Commissioner			
Large Entity Small Entity Fee						123 50 123 50 Petitions related to provisional applications			
Fee Fee Fee Fee Description						126 240 126 240 Submission of Information Disclosure Statement			
Code (\$) Code (\$) Code (\$) Code (\$)						581 40 581 40 Recording each patent assignment per property (times number of properties)			
103 18 203 9 Claims in excess of 20						146 790 246 395 Filing a submission after final rejection (37 CFR 1.129(a))			
102 78 202 39 Independent claims in excess of 3						149 790 249 395 For each additional invention to be examined (37 CFR 1.129(b))			
104 270 204 135 Multiple dependent claim						Other fee (specify)			
109 82 209 41 Reissue independent claims over original patent						Other fee (specify)			
110 22 210 11 Reissue claims in excess of 20 and over original patent						SUBTOTAL (3) (\$ 0)			
SUBTOTAL (2) (\$ 0)						*Reduced by Basic Filing Fee Paid			
SUBMITTED BY						COMPLETE (if applicable)			
Type or Printed name Joseph J. Jochman						Registration Number 25,058			
Andrus, Scales, Starke & Sawall, LLP						Date 1/30/2004			
Signature						Deposit Account User ID			